

PIZENGOL'TS, M.
PIZENGOL'TS, M.

Accounting in the German Democratic Republic; review of the
Journal "Deutsche Finanzwirtschaft." Bukhg.uchet 24 no.4:59-62
Ap '57. (MIRA 10:12)
(Germany, East--Accounting)

FIZENGOL'TS, Mikhail Zakharovich; BELAVINA, A.I., red.; GU ENICH,
M.M., tekhn. red.; CHELELOVA, Z.I., tekhn. red.

[Accounting for expenditure and financial results on col-
lective farms] Ichet zatrat i finansovykh rezul'tatov v
kolkhoza h. Moskva, Sel'khozizdat, 1963. 201 p.
(MIRA 10:12)

(Collective farms--Accounting)

UMAROV, S.; IVANOV, I.; SOBOLEV, A.; KRASNOV, V.; VASILEVSKIY, I.;
POTAPKIN, I.; IL'ICHEV, N.; PIZENGOL'TS, M.; SOKRATOV, K.;
CHUR SIN, A.; KAUGER, V.; VOLOVODOV, A.; BAZARYA, M.

Issuing credit to collective farms should be equal to the
standard of the new tasks. Den. i kred. 16 no.4:3-26 Ap '58.

(MIRA 11:5)

1. Upravlyayushchiy Uzbekskoy kontoroy Gosbanka (for Umarov).
2. Zamestitel' upravlyayushchego Rostovskoy oblastnoy kontoroy Gosbanka (for Ivanov).
3. Upravlyayushchiy proizvodstvenno-ekspluatatsionnogo otdela Sakhalinskoy oblastnoy kontoroy Gosbanka (for Sobolev).
4. Nachal'nik proizvodstvenno-ekspluatatsionnogo otdela Sakhalinskoy oblastnoy kontoroy Gosbanka (for Krasnov).
5. Zamestitel' upravlyayushchego Belorusskoy respublikanskoy kontoroy Gosbanka (for Vasilevskiy).
6. Nachal'nik otdela kreditovaniya sel'skogo khozyaystva i zagotovok Ukrainskoy respublikanskoy kontoroy Gosbanka (for Potapkin).
7. Upravlyayushchiy Mordovskoy respublikanskoy kontoroy (for Il'ichev).
8. Starshiy prepodavatel' Voronezhskogo sel'skokho zvyatvennogo instituta (for Pizengol'ts).
9. Saratovskiy ekonomicheskij institut (for Sokratov).
10. Upravlyayushchiy Sovetskim otdeleniyem Gosbanka Krasnodarskogo kraja (for Chursin).
11. Upravlyayushchiy Gorodishchenskim otdeleniyem Gosbanka Penzenskoy oblasti (Kauger).
12. Upravlyayushchiy Zherdevskim otdeleniyem Gosbanka Tambovskoy oblasti (for Volovodov).
13. Nachal'nik Upravleniya sel'skogo khozyaystva i zagotovok Gosbanka (for Bazarya)

(Agricultural credit)

PIZENT, F.

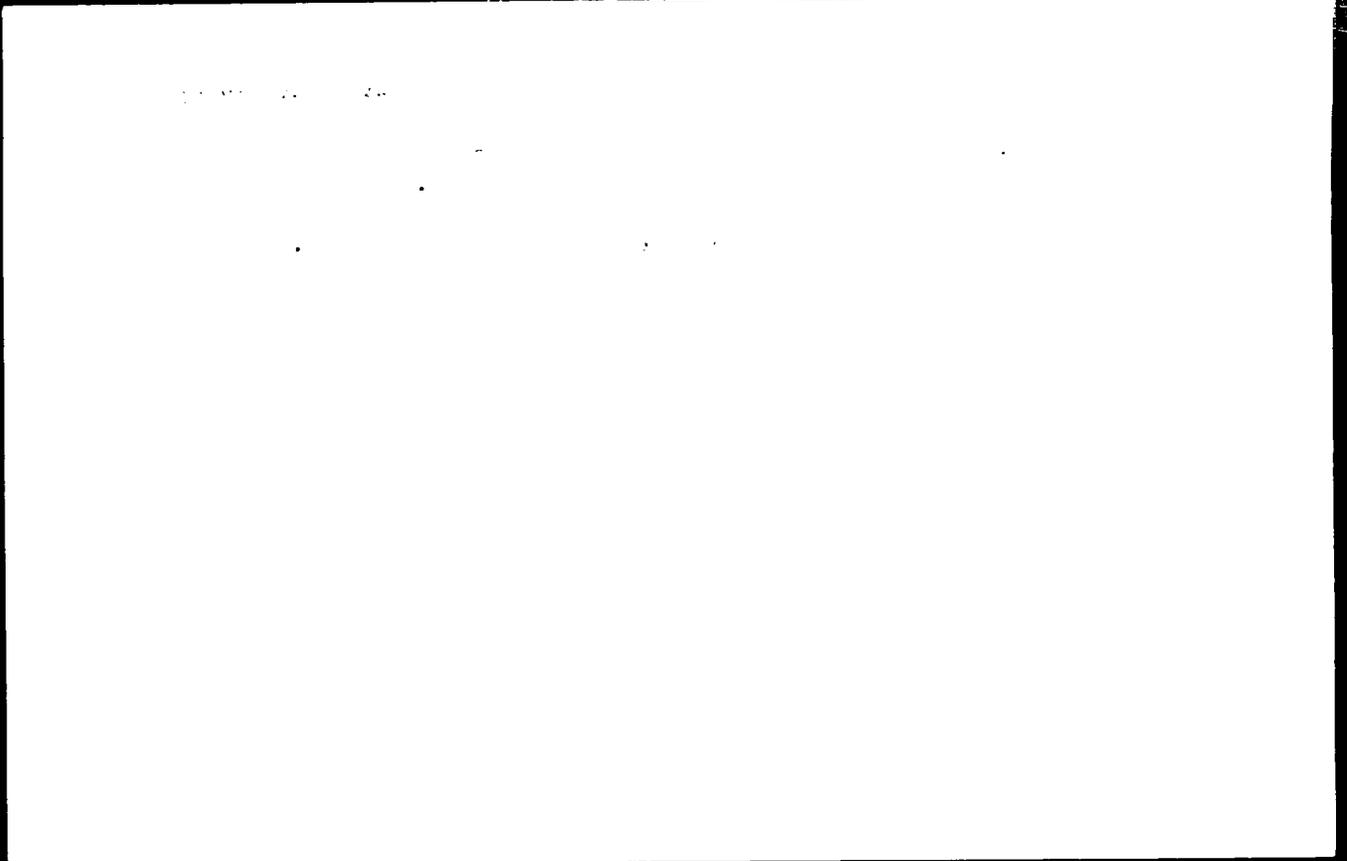
"The Link system as the basis of the modern crossbar systems."

p. 261 (Elektrotehniški Vestnik. "Electrotechnical Review) Vol. 25,
no. 7/8 July/ Aug. 1957. Ljubljana, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC.Vol. 7, no. 4,
April 1958

PIZENT, Franc

Automation of the network group of Koper. Automatika 3 no.1:30-33
F '62.



PIZHANKOVA, Yara Andreyevna; DROBIT'KO, Lyudmila Aleksandrovna; LYALYUK,
I.P., red.; SHEVCHENKO, M.G., tekhn.red.

[Kharkov mineral waters] Khar'kovskie mineral'nye vody.
Khar'kovskoe obl.isd-vo, 1958. 18 p. (MIRA 14:4)
(KHARKOV--MINERAL WATERS)

MALAKOVA, N.I.; MAKAYEV, I.F.; MAKAYEV, K.S.; KVASKO, V.I.

Chemical preparation of a program for cellulose and
semicellulose. Chem. paper. prod. 10:2:16-18 (p. 16).
(MIRA 17:2)

ИЗМЕН, Андрей Александрович, родился 1925 г. в г. Ленинград.
Александр Александрович Измен, родился 1925 г. в г. Ленинград.
Иванов Иван Иванович, родился 1925 г. в г. Ленинград.
И.И. Измен, родился 1925 г. в г. Ленинград.
ПЕРИОДИЧЕСКИЙ

...Еще одна группа...
...рыболов...
...браты...
...система...
...к...
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0(2)

AUTHOR: Pizhurin, A. A., Assistant (Moscow)

TITLE: The Measuring of the Speed of the Feed of Woodworking Machines by Means of a Transmitter of the Magnetolectric System (Izmereniye skorostey podochni v derevozrezhushchikh stankakh s pomoshch'yu datchika magnitnoelektricheskoy sistemy)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Elektromekhanika i avtomatika, 1958, Nr 2, pp 184 - 187 (USSR)

ABSTRACT: The quality of the machine-produced wooden parts depends to a considerable extent on the exactitude of feeding. In the case of mechanically driven machines the feed and the cutting conditions are not easy to determine. In the laboratory of the Kafedra "Stanki i instrumenty" Moskovskogo lesotekhnicheskogo instituta (Chair for Machines and Instruments at the Moscow Institute of Forest Engineering) the author developed a magnetolectric transmitter (Fig 1) by means of which the speed of longitudinal and cross-feed can be measured. The system is based on determining the voltage induced in a conductor when the latter is moved in a magnetic field. A diagrammatic sketch (Fig 2) is shown and the measuring range is given as amounting to 0.1 - 10 mm/min. The author

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The Measuring of the Speed of the Feed of Woodworking Machines by Means of a Transmitter of the High-Frequency System

of operation is described in detail, and in conclusion a calibration curve is given (FIG. 1), which shows a proportional behavior between feed-speed and induced current within the mentioned range. There are 3 figures and 1 Soviet reference.

This article was recommended for publication by the Katedra stankov i instrumentov Moskovskogo lesotekhnicheskogo instituta (Chair for Machines and Instruments at the Moscow Institute of Forest Engineering)

Kafedra stankov i instrumentov Moskovskogo lesotekhnicheskogo instituta (Chair for Machines and Instruments at the Moscow Institute of Forest Engineering)

ASSOCIATION:

SUBMITTED:

April 25, 1958

PIZHURIN, A. A., Cand of Tech Sci — (diss) "Investigation of the Process of Lathe
Turning of Wood Products," ~~Moscow~~ 1959, 20 pp (Moscow Forestry Engineering Institute)
(KL, 1960, 120)

PIZHURIN, A.A.

Smoothness of the surface in wood turning. Der. prom. 8 no.9:1^a-20
S '59. (MIRA 12:12)

1. Moskovskiy lesotekhnicheskiy institut.
(Turning)

BLITSHEYN, Aleksandr Zinov'yevich; PIZHURIN, Andrey Abramovich;
PEREL'MUTER, N.M., red.; GOSPODARSKAYA, T.N., red. 1sd-va;
VDOVINA, V.M., tekhn.red.

[Automated electric drives of woodworking machines] Avtomatizirovanniy elektroprivod derevoobrabatyvaiushchikh stankov. Moskva, Goslesbuzdat, 1962. 290 p. (MIRA 16:6)
(Woodworking machinery—Electric driving)

~~PIZHURIN, Andrey Abramovich, kand. tekhn. nauk; MANZHOS, F.M., red.;~~
~~MANZHOS, F.M., red. izd-va; VDOVINA, V.M., tekhn. red.~~

[Principles underlying the process of wood turning] Osnovy
prozessa tochenia drevesiny. Moskva, Goslesbumizdat,
1963. 115 p. (MIRA 16:9)

(Turning)

PIZIK, A., dispatcher

Improve the organization of bunkering operations in the
Tuapse harbor. Mor. flot '23 no. 7:9-10 J1 '63.

(MIRA 16:8)

1. Tuapsinsky port.

PIZIK, M.

Divers improve their skills. Voen. znan. 37 no.12:34 D '61.

(MIRA 14:11)

1. Nachal'nik spasatel'noy stantsii "TSentral'naya", g. Riga.
(Diving, Submarine)

PIZIKOV, V.

On the utilization of labor resources in eastern Kazakhstan.
Sots.trud 7 no.7:19-21 JI '62. (MIRA 1:18,
(Kazakhstan--Labor supply)

PIZIKOV, V.G.

Some aspects of economic development. Army Alt. G.S. 191-203 '63.
(Economic development) (Military)

ZASORIN, A.P.; KHALABUZAR', V.G.; PIZIN, Ye.I.

Kinetics of the synthesis of ammonia on an iron catalyst with uranium added. *Izv.vys.ucheb.zav.;khim.i khim.tekh.* 3 no.4:695-698 '60.
(MIRA 13:9)

1. Khar'kovskiy politekhnicheskii institut im. V.I. Lenina, kafedra
tehnologii neorganicheskikh veshchestv.
(Ammonia) (Catalysts)

S/185/60/001 004/01/01/01
B020/B054

AUTHORS: Zasorin, A. P. Khalabazar, V. G., Pizid, Y. I.
TITLE: Kinetics of Ammonia Synthesis on an Industrial Catalyst with Addition of Uranium
PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya. 1960. Vol. 4, No. 1. pp. 695 - 698

TEXT: The authors studied the effect of an addition of a natural active substance, uranium, on the catalytic activity of an industrial catalyst. They compared the catalyst with uranium addition with an industrial catalyst of the type "B" ("B") (2% K_2O and 4% Al_2O_3) and with the catalyst of the type "BT" ("BT") with increased Al_2O_3 content (2% K_2O and 11-12% Al_2O_3). The catalyst investigated was produced by sintering an industrial catalyst with uranyl nitrate $UO_2(NO_3)_2 \cdot 6H_2O$ the finished catalyst containing 1% of UO_2 . The investigations were

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Kinetics of Ammonia Synthesis on an Iron Catalyst With Addition of Uranium

S/53/50/003,004/026/04/XX
B020/B054

conducted in a device schematically shown in Fig. 1. Fig. 2 shows ammonia yield as dependent on the volume rate at different temperatures on the iron catalyst, while Fig. 3 illustrates the ammonia yield as dependent on temperature at different volume rates on the iron catalyst. At equal conditions, the reaction rate of ammonia synthesis is higher on the iron catalyst with uranium promoter than on an iron catalyst; this is confirmed by the rate constants (Table) calculated from the equation by M. I. Tenkin and V. M. Rynev (Refs. 1, 2):

$k = P^{0.5} \cdot V_2 (1+z) \cdot I(z)$, where z is the molar fraction of ammonia in the pressure in the system, V_2 the volume rate at the outlet and

$$I(z) = \int_0^z [z(1-z)^{1.5} dz] / \int_0^1 [(1-z)^{1.5} dz] = 1 - (1-z)^{1.5} / 1.5$$

Fig. 4 shows X-ray pictures of samples of various catalysts. The pictures given show that a uranium addition to the industrial iron catalyst for ammonia synthesis in relatively small quantities (0.5% referred to iron) effects a complete reduction of iron oxide to the metallic state.

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Kinetics of Ammonia Synthesis on an Iron Catalyst With Addition of Uranium S/155/60/001/004/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/122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PAPACHEK, K.; PIZINGER, V.; KONOPESEK, M.

Stabilization of locknit warp fabrics made of synthetic fiber.

Leg.prom. 15 [i.e. 16] no.6:49-51 Jo '56.

(Czechoslovakia--Textile industry)

(MLRA 9:8)

FIZINGER, V.

Experience with newly issued regulations for control of incoming material, pass.
(Textil, Praha, Vol. 9, No. 1, Nov. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

RYBALKA, V.V.; PIZIO, A.S.

Recombination of electrons and holes on copper and nickel atoms in
high-resistance germanium. Fiz. tver. tela 2 no. 8:1773-1775 Ag '60.
(MIRA 13:8)

1. L'vovskiy gosudarstvennyy universitet im. Ivana Franko.
(Germanium)

PIZIO, A.S.

Considering piezoelectric crystal as an electromechanical quadripole
and using the theory of quadripole for its analysis. Dop.ta pov.
L'viv.un. no.6 pt.2:127-128 '55. (MLRA 10:3)
(Piezoelectricity--Electromechanical analogies)

Category : USSR/Acoustics - Electroacoustics

J-6

Abs Jour : Ref Zhur - Fizika. No 1, 1957, No 2174

Author : Pizio, A.S.

Title : The Piezoelectric Crystal as an Electromechanical Four-Terminal Network and the Use of the Theory of Four-Terminal Networks for its Analysis

Orig Pub : Dopovidi ta povidomienniya Lvivs'k. un-ta. 1955, vyp 6, ch. 2, 127-128

Abstract : No abstract

Card : 1/1

PIZIO, A.S.

Piezoelectric indicator of slow-changing pressure. Dop. ta pov.
L'viv. un. no 5 pt.2:87-88 '55. (VLRA 9:10)

(Piezometer)

82994
S/181/60/002, 008/013, 045
B006/B070

24,7700
AUTHORS.

Rybalka, V. V., Pizio, A. S.

TITLE:

Electron - Hole Recombination on Copper and Nickel Atoms
in High Resistivity Germanium

PERIODICAL.

Fizika tverdogo tela, 1960. Vol. 4, No. 8. Pp. 1773-1777

TEXT. The authors investigated the lifetime of electrons and holes in high-resistivity n-type germanium samples doped with copper and nickel. The introduction of the impurities was made by diffusion in vacuum. As a result of this, the resistivity of the germanium sample was almost doubled (cf. Table on p. 1773). The measurements of lifetime were made in the region 150 - 300°K with the pulse method after the decline of the photoconductivity. The results (Figs. 1, 2) are somewhat unusual. In nickel-doped samples the carrier lifetime did not increase but decreased with increase of temperature. This can be explained by the Shockley-Read theory by assuming a decrease of the hole trapping cross section on the nickel levels. However, according to Ref. 1 the hole

Card 1/3

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Electron - Hole Recombination on Copper and
Nickel Atoms in High Resistivity Germanium

S/181/60/002,008,013,045
B006/B070

trapping cross section is constant in the case of recombination by nickel levels in germanium. It is now desired to clarify the experimental observation on the basis of the theory of recombination on multiple charged traps. In the forbidden zone of germanium, nickel has 2 levels I - at 0.25 ev from the ceiling of the valence band, and II - at 0.3 ev from the bottom of the conduction band (copper: I - at 0.04 ev, II - at 0.32 ev from the ceiling of the valence band, and III - at 0.25 ev from the bottom of the conduction band; the Fermi level is so far from level I that the effect of the latter may be neglected). Using $\Delta E = 0.72$ ev, $\Delta E_1 = 0.3$ ev, $\Delta E_2 = 0.47$ ev for nickel and $\Delta E = 72$ ev, $\Delta E_1 = 0.25$ ev, $\Delta E_2 = 0.4$ ev for copper, the following results are obtained.

$\tau = \text{const} + \tau_{n_0} \exp(0.05/kT)$ for nickel-doped germanium, and

$\tau = \text{const} + \tau_{n_0} \exp(-0.07/kT)$ for copper-doped germanium. From this it is

seen that in the first case (Fig. 1) the carrier lifetime decreases exponentially with rising temperature, and in the second case (Fig. 2) it increases. This is in agreement with experiments. The general formula for the measurement of τ leads to $\tau = \text{const} + \tau_{n_0} \exp\left[\frac{-\Delta E + \Delta E_I + \Delta E_{II}}{kT}\right]$.

Card 2/3

Electron - Hole Recombination on Copper and
Nickel Atoms in High Resistivity Germanium

82994
S/181/60/002/008, 011, 014
B006/B070

There are 2 figures, 1 table, and 9 references: 3 Soviet and 5 US. X

ASSOCIATION. L'vovskiy gosudarstvennyy universitet im. Ivana Franko
(L'vov State University imeni Ivan Franko)

SUBMITTED: November 24, 1959

Card 3/3

PILO, A.S.

Contribution to the theory of electromechanical bypass con-
verters. Izv. vys. shk. rad. tekhn. 7 no. 2: 237-240

Mr-Apr '64.

(MIRA 17:8)

PIZIO, O.S.

Phase correlations:

L'viv. (pt. 3): 1941-1942

(1941-1942)

PIZIO, Zdzislaw

An unusual obstacle to the reduction of humeral neck fracture.
Chir. narzad. ruchu ortop. Pol. 30 no.1:23-24 '65.

1. Z Oddziału Chirurgii Ortopedycznej Szpitala Wojewódzkiego
im. K. Miarki w Opolu (Ordynator: dr. med. W. Arct).

ARCT, Witold; PIZIO, Zdzislaw

Fistulography and abcessography in osteoarticular tuberculosis. 31r.
narzad. rucnu ortop. poi. 27 no.5:611-619 '62.

1. Z Oddzialu Ortopedyczno-Urazowego Szpitala Wojewodzkiego w Opolu
Ordyanter: dr W. Arct.

(TUBERCULOSIS OSTEOARTICULAR)

PEZIO, Zdzisław

Anti-rotation of the union of the radius and fusion of the ulna with the Gruca method in the treatment of fresh fractures of the forearm bones. Chir. narząd. ruchu ortop. pol. 28 no.3: 285-290 '63.

1. Z Oddziału Ortopedyczno-Urazowego Szpitala Wojewodzkiego im. Karola Miarki w Opolu Ordynator: dr med. W. Arct.
(FRACTURE FIXATION) (FOREARM INJURIES)
(ULNA) (FRACTURES) (RADIUS FRACTURES)

ARCT, Witold; PIZIO, Zdzislaw

Agricultural accidents. Chir. narz. ruchm 24 no.2:93-98 1959.

1. Z Oddziału Ortopedczno-Urazowego Szpitala Wojewodzkiego w Opolu
Ordynator: dr. w Arct Praca wplynela:29. I.58r. Adres autorow: Opole,
ul. Znajczka 20 m. 2.

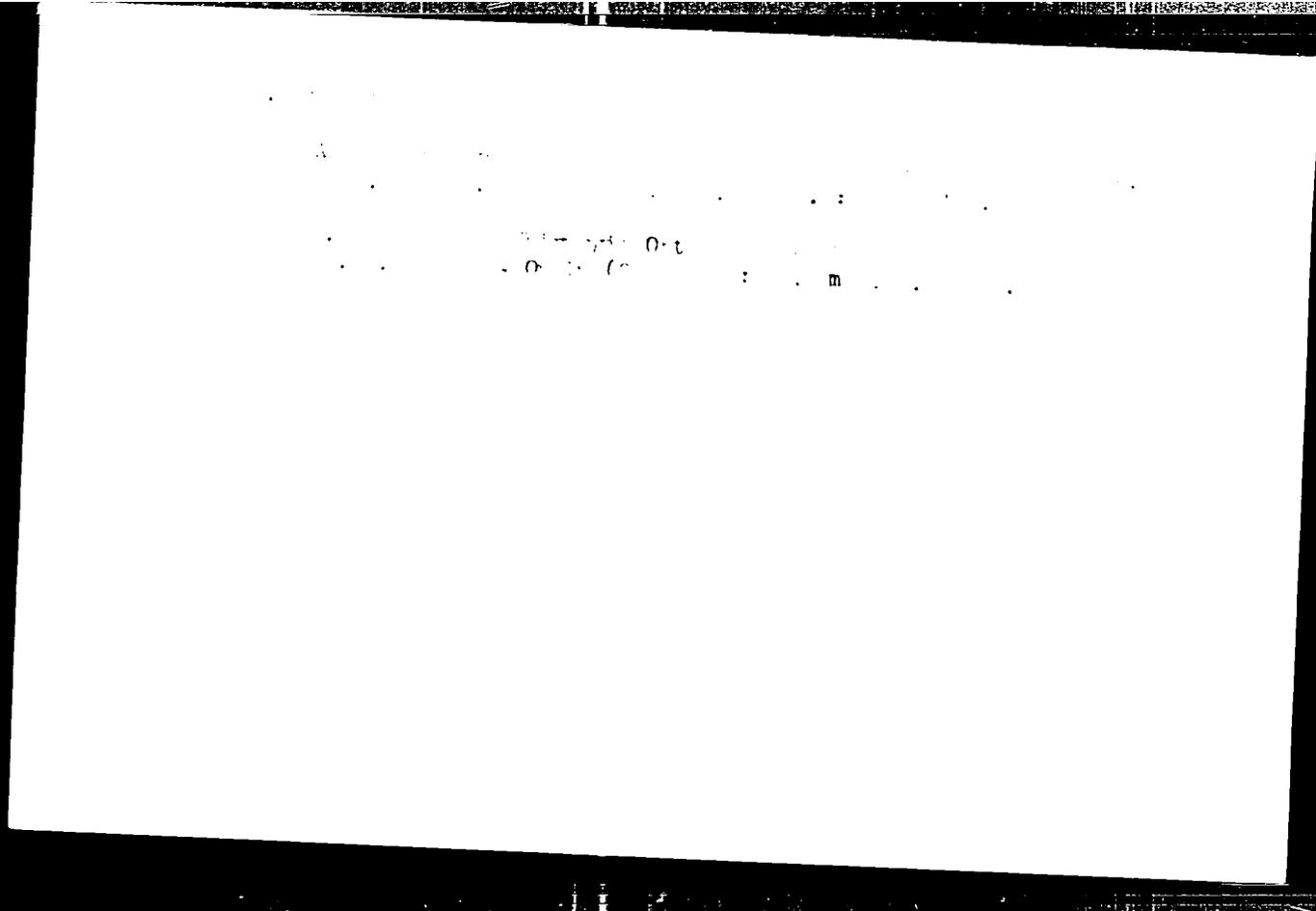
(ACCIDENTS, INDUSTRIAL,
farm accid. (Pol))

PIZIO, Zdzislaw

Type of cervical spine injuries associated with road accidents.
Chir. narzad. ruchu ortop. Pol. 28 no. 2-3 1980: 121

Biological resection in osteoclastoma. Ibid.: 1032-1040

1. Z Oddzialu Chirurgii Ortopedycznej Szpitala Wojewodzkiego
K. Miarki w Opolu (Ordynator: dr. W. Anst).



APPROVED FOR RELEASE: Tuesday, August 01, 2000

The use of...
general...
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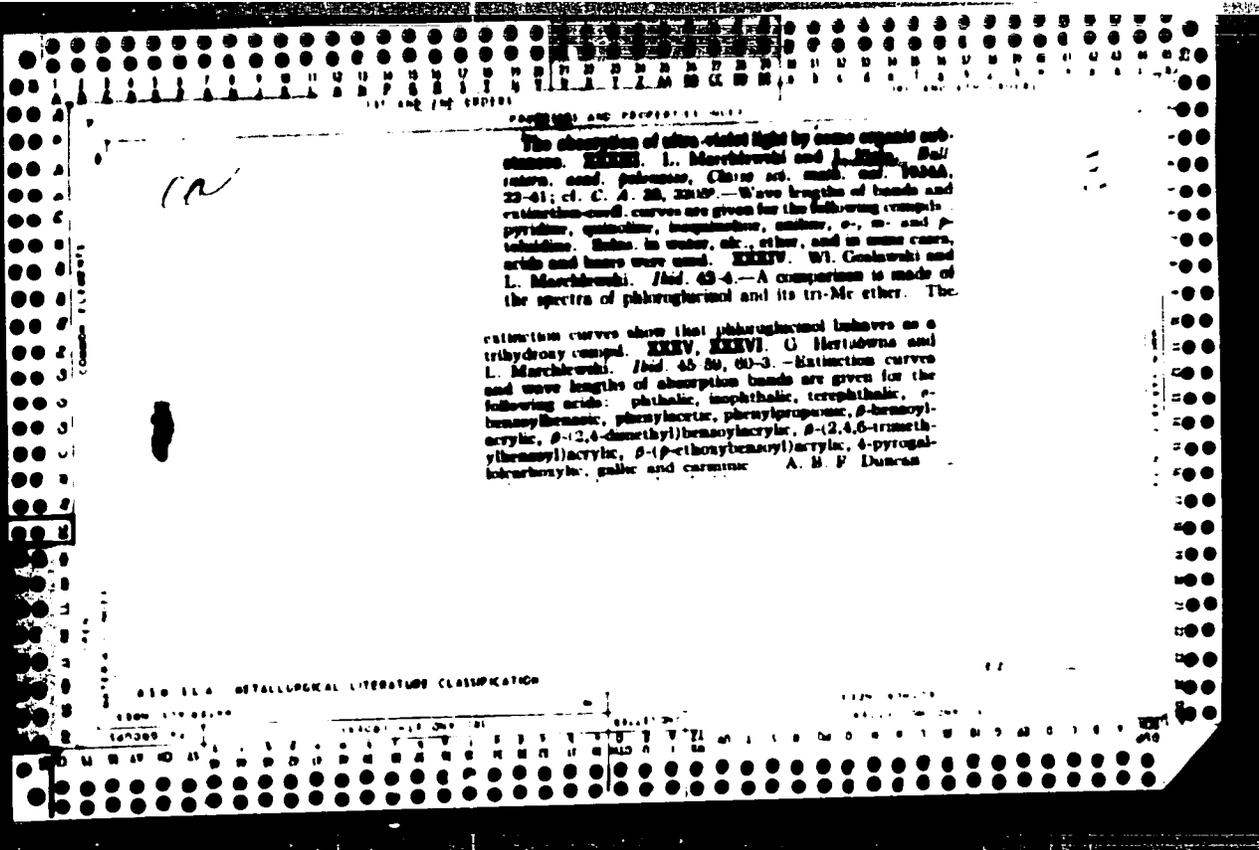
...
...
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SEDLAK, J.; PIZL, M.; Technicka spolupraca HORVATHOVA, O.; HALAMA, M.

Progesterone in the treatment of edema in cardiac insufficiency.
Preliminary report. Bratisl. lek. listy 42 no.5:278-283 '62.

1. Z Centralneho laboratoria OUNZ v Martine, prednosta MUDr. J. Sedlak,
a z interneho oddelenia OUNZ v Martine, prednosta MUDr. M. Pizl.

(HEART FAILURE CONGESTIVE ther)
(PROGESTERONE ther)



LYAKHOV, Ya.V.; BIRNYER, A.V.

Evaluation of the ...
no.3:343-348 1964.

1. Gosudarstvennyy ... Ivana Franko, 1964.

IADIS, Ye.M.; LYAPCHEV, Y. (1955) ...

Double role of ...
endogenous ...
1376 0 1955. (FA 18110)

1. L'rovakly posudat ...
April 28, 1955.

GRIGORCHENK, G.Yu.; LESNYAK, V.F. [deceased]; FIZNYUR, A.V.

Results of the study of gas-liquid inclusions in the ores of
the Krasnoyarsko-Zolinskoye ore zone eastern Transbaikalia.
Vest. Irkut. un. Ser. geol. no. 49, 1981, 16.

MIRA 1981

1 YAKHOV, Y. I. :

... .. M. 1946-
... .. 1946

... .. Ivan Franko,

-B

KUROVETS, M.I.; PIZNYUK, A.V.

Conditions governing the formation of monazite. Min. sbor.
no.15:355-359 '61. (MIRA 15:6)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'viv.
(Monazite)

PIZNYUR, A.V.

Sequence of the formation of minerals in some crystal-bearing
veins and characteristics of mineral-forming solutions. Min.
sbor. No. 14:157-170 '60. (MIRA 15...)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov.
(Ural Mountains--Mineralogy)
(Kaldan Plateau--Mineralogy)

KOLTUN, L.I.; LYAKHOV, Yu.V.; PIZNYUR, A.V.

Formation of axinites. Zap.Vses.min.ob-va 90 no.3:301-307 '61.

(MIRA 12:10)

1. L'vovskiy universitet.

(Axinite)

PIZNYUR, A.V.

Genetic relations between quartz of the Barsukchi deposit and
granite intrusions established on the basis of inclusions occurring
in minerals. Trudy VNIIP 1 no.2:135-143 '57. (MIRA 12:3)
(Barsukchi--Quartz)

~~PLZNTUB, A. V.~~

Remarks on the characteristics of mineral forming solutions in the formation of crystalliferous veins in the Polar Urals. Zap. Vses. min. ob-va 88 no. 4:473-476 '59. (MIRA 12:11)

1. Kafedra geologii SSSR L'vovskogo gosudarstvennogo universiteta. (Ural Mountains--Mineralogy)

MEMORANDUM FOR THE DIRECTOR, CIA

DATE: 10/10/54
SUBJECT: [Illegible]

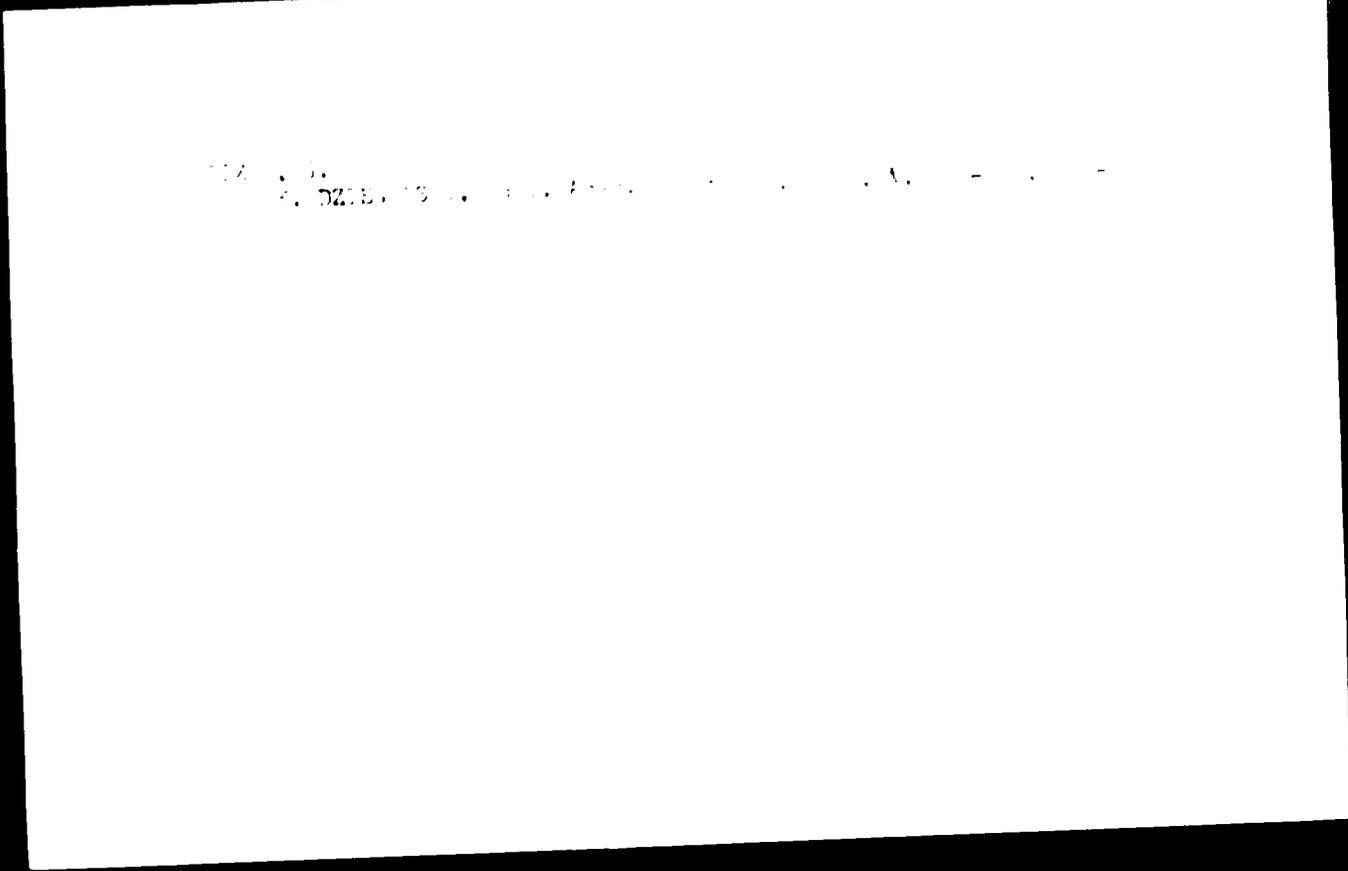
PIZON, S.; Chraszczewska, A.; Milewska, Z.

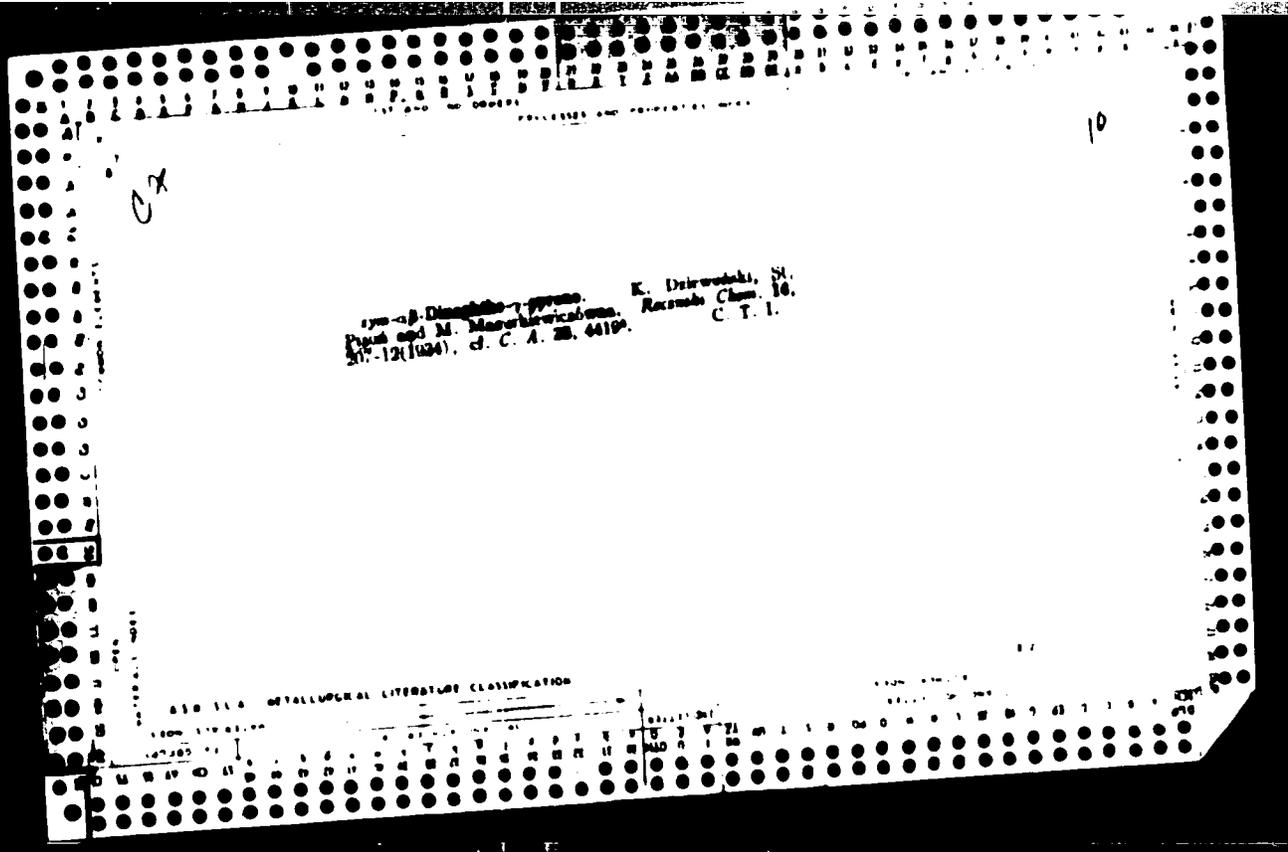
o-naphthylamide of 3-aminobenzenesulfonic acid. p. 63

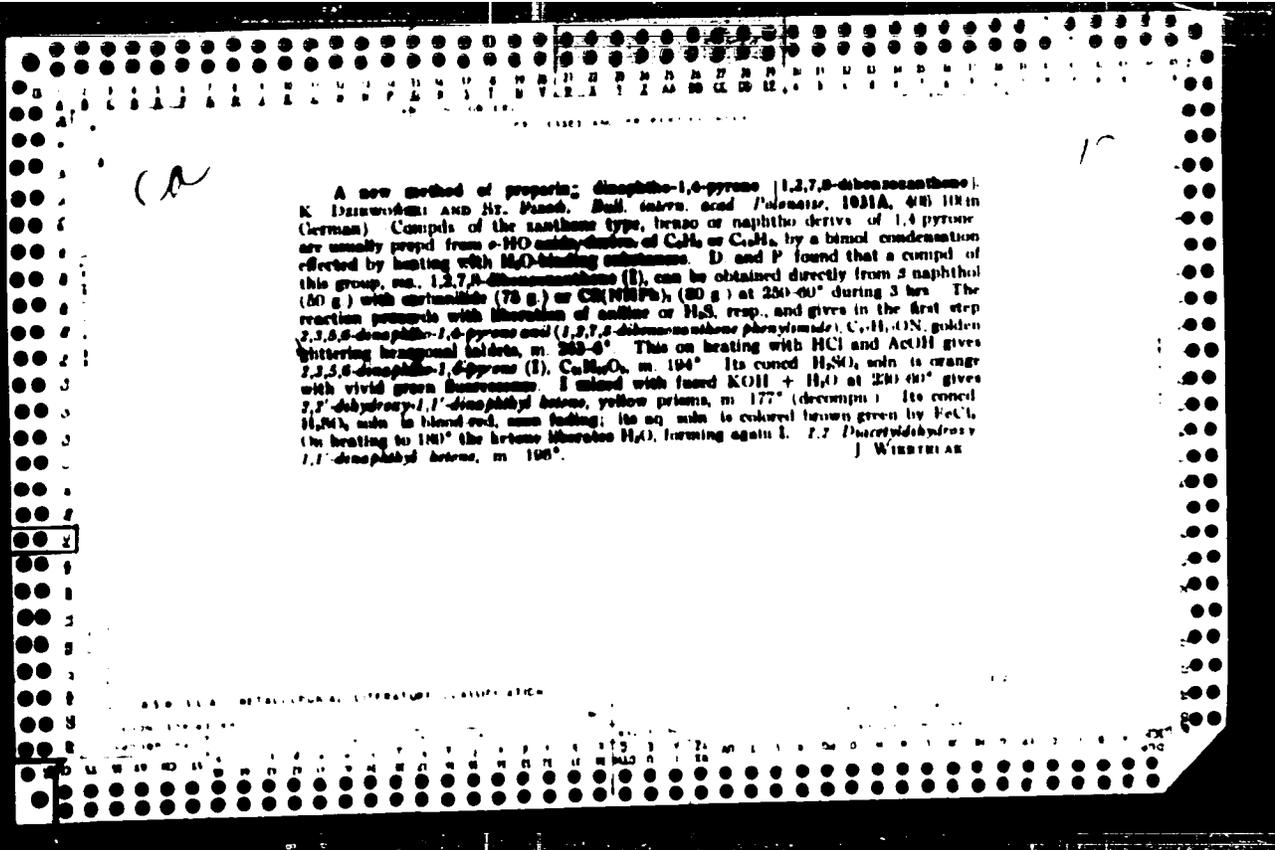
ACTA CHYMICA. (Lodzkie Towarzystwo Naukowe. Wydzial III: Nauk Matematyczno-Przyrodniczych) Lodz, Poland. Vol. 3, 1954

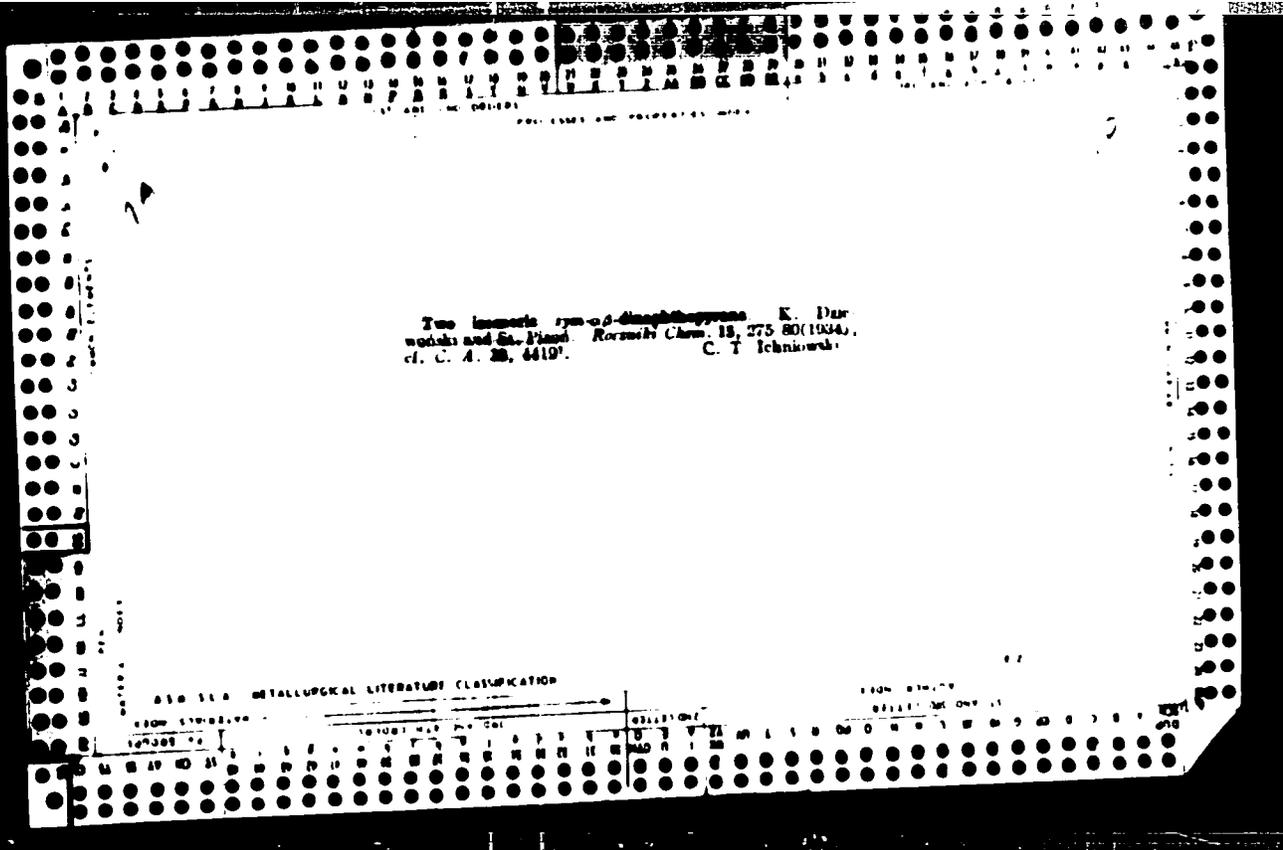
Monthly List of East European Accessions (EFAI) 10, VOL. 8, no. 7, July 1959

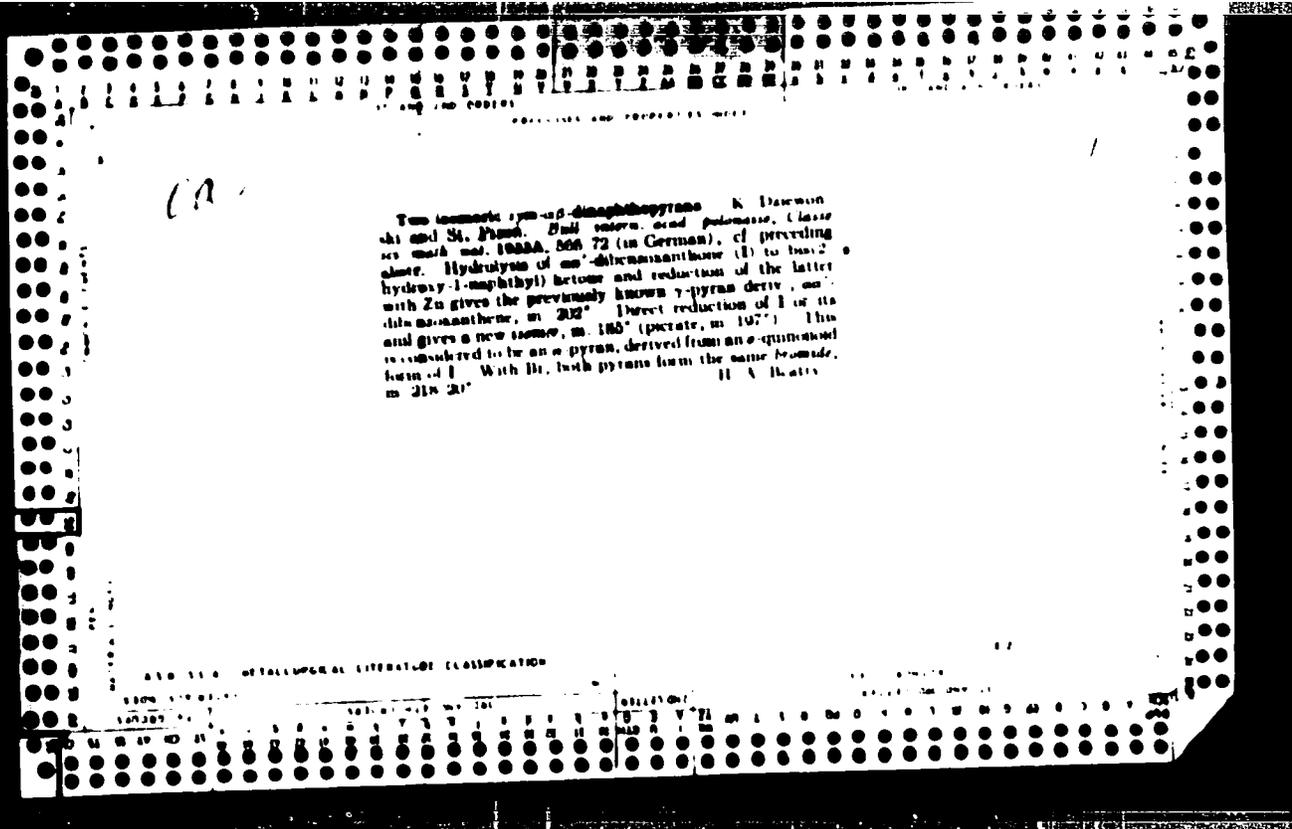
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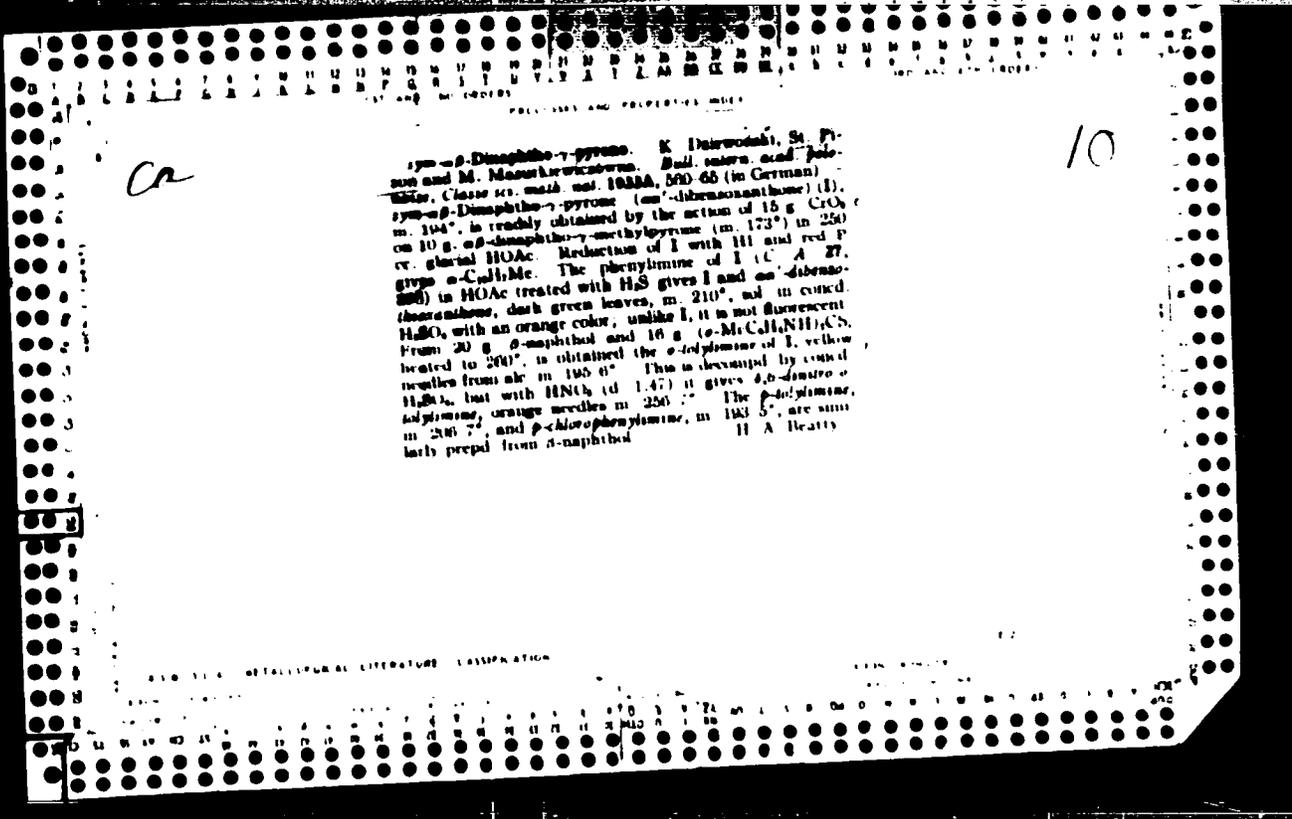






CA

Two isomeric *syn-anti*-dianthropyrene N. Dawson
et al. *J. Chem. Soc. Chem. Commun.* 1968, 266-72 (in German), cf. preceding
abstract. Hydrolysis of *anti*-dianthranthrene (I) to *syn-anti*
hydroxy-1-naphthyl ketone and reduction of the latter
with Zn gives the previously known *syn-anti* pyrene, m.p. 107°
dianthranthrene, m.p. 202°. Direct reduction of I of its
and gives a new isomer, m.p. 185° (picrate, m.p. 197°). This
is considered to be an *anti* pyrene, derived from an *anti*-quinone
form of I. With III, both pyrenes form the same *syn-anti*
m.p. 218-20° H. A. Beatty



PIZONI, TEE

Children in Italy

"Black"

...

PISONI S.

POLAND / Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour : RZhKhim., No 10, 1953, No 32446

Author : A. Chruszczewska, J. Kotler, W. Miecznikowska-Stolarczyk, G. Odor, S. Pisoni.

Inst : Lodzkie towarz. nauk.

Title : Arylsulfonyl Derivatives of 2,4-Diaminotoluene.

Orig Pub : Acta chim. Lodzkie towarz. nauk., 1956, 2, 79-85

Abstract : The acylation reaction of 2,4-diaminotoluene (I) with $m\text{-O}_2\text{NC}_6\text{H}_4\text{SO}_2\text{Cl}$ (II) was studied with a view to prepare monoacyl derivatives, which could be used as initial products for the synthesis of photostable dyes. It was established that at the condensation of I and II in the presence of substances bonding HCl ($\text{C}_5\text{H}_5\text{N}$, Na_2CO_3 , CH_3COONa), 2,4-($m\text{-O}_2\text{N-C}_6\text{H}_4\text{SO}_2\text{NH}$) $_2\text{C}_6\text{H}_3\text{CH}_3$ (melting point 155 to 156°) was produced nearly exclusively, without any regard to the ratio I : II and the solvent. The conditions of the preparation of 2-(3'- $\text{O}_2\text{NC}_6\text{H}_4\text{SO}_2\text{NH}$)-4- $\text{H}_2\text{NC}_6\text{H}_3\text{CH}_3$ (III) and 2- H_2N -4-(3'- $\text{O}_2\text{N-C}_6\text{H}_4\text{SO}_2\text{NH}$) $\text{C}_6\text{H}_3\text{CH}_3$ (IV) from I and II were found. In order to confirm the structure of IV, it was reduced to amine (V), which was prepared also by counter synthesis. The dyes prepared by combining IV with various dinitrated amines, or dinitrated V with A_{III} - or gamma-acid, are of low quality. The dinitration of V is carried out at a temperature above 0° in a great excess of acid (in order to avoid the immediate combination with the V remaining in solution). 0.19 mole of II is added to 0.45 mole of I in 200 ml of CH_3OH at a temperature below 40°, the

Card 1/2

POLAND / Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour : RZhKhim., No 10, 1958, No 32446

mixture is stirred 3 hours, water is added after cooling until the liquid becomes turbid, filtered (A solution), the precipitate is dissolved in 2-%-ual HCl, precipitated with NaHCO_3 , and IV is obtained, yield 80%, melting point 166 to 167° (from water). III crystallizes from the A solution several days later, melting point 156 to 167°. 0.065 mole of IV in 100 mlit of CH_3OH is added drop by drop to the boiling mixture of 0.36 g-atom of Fe filings, 200 mlit of 50%-ual CH_3OH and 0.17 mole of glacial CH_3COOH , the mixture is boiled 2 hours, neutralized with 20 g of NaHCO_3 in 100 mlit of water, filtered while hot, about 75% of CH_3OH is distilled off, 500 mlit of water is added, neutralized with HCl (acid), and V is obtained, yield 58%, melting point 142 to 143° (from water). 0.25 mole of n-toluidine in 250 g of concentrated H_2SO_4 at a temperature below 0° is nitrated with the mixture of 16 g of concentrated HNO_3 and 34 g of concentrated H_2SO_4 , 40 min. later it is poured out on ice, the precipitate is decomposed with 15 g of Na_2CO_3 , and 2-O₂N-4-H₂NC₆H₃CH₃ is obtained, yield 67%, melting point 78° (from water). To 0.1 mole of the latter in 300 mlit of water containing 10 g of CH_3COONa , 0.096 mole of II is added little by little at 50 to 60°, the mixture is seasoned 1 hour, and 2-NO₂-4-(3'-NO₂C₆H₄SO₂NH)C₆H₃CH₃(VI) is produced, yield 81%, melting point 124 125° (from alcohol) 0.03 mole of VI in 100 mlit of CH_3OH is reduced (see the reduction of IV), V is produced, yield 72%.

Card 2/2

PIZYURA, I.I., elektromekhanik; NIKOGOSOV, S.A., elektromekhanik; SADOVODOV, G.Ye., monter

Suggestions of efficiency experts. Avtom., telem.i svias' 4
no.3:36-37 Mr '60. (MIRA 13:7)

1. Voznesenskaya distantsiya signalizatsii i svyazi Odesskoy dorogi (for Pizyura). 2. Tbilisskaya distantsiya signalizatsii i svyazi Zakavkazskoy dorogi (for Nikogorsov); 3. Ryasanskaya distantsiya signalizatsii i svyazi Moskovskoy dorogi (for Sadovodov).
(Railroads--Signaling)

PJANKOW, W. A.

"Sur la question de l'adsorption des vapeurs du mercure par le charbon iode.
Communication I". Pjankow, W. A. (p. 1528)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1936, Vol. 6, No. 10

PJANKOW, W.A.

"Sur quelques inexactitudes de la rétroanalyse par quantiles minimes". *Journal*,
W.A. (n. 1365)

SO: Journal of General Chemistry. (Zhurnal Obshchei Khimii) 1960, vol. 32, no. 1

PJANKOW, W. A.

"Sur la question de l'oxydation des halogenures des metaux alcaline par l'oxygene
moleculaire". Pjankow, W. A. (p. 1295)

SO: Journal of General Chemistry (Zhurnal Obs'chei Khimii) 1936, Vol. 6, No. 9

PJANKOV, V. A.

"Obtention et proprietes des films protecteurs d'oxydes de metaux etrangers a la surface de mercure. I.^o. Pjankov, V. A. (p. 1761)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 10, no. 19-20.

PJANKOV, V. A.

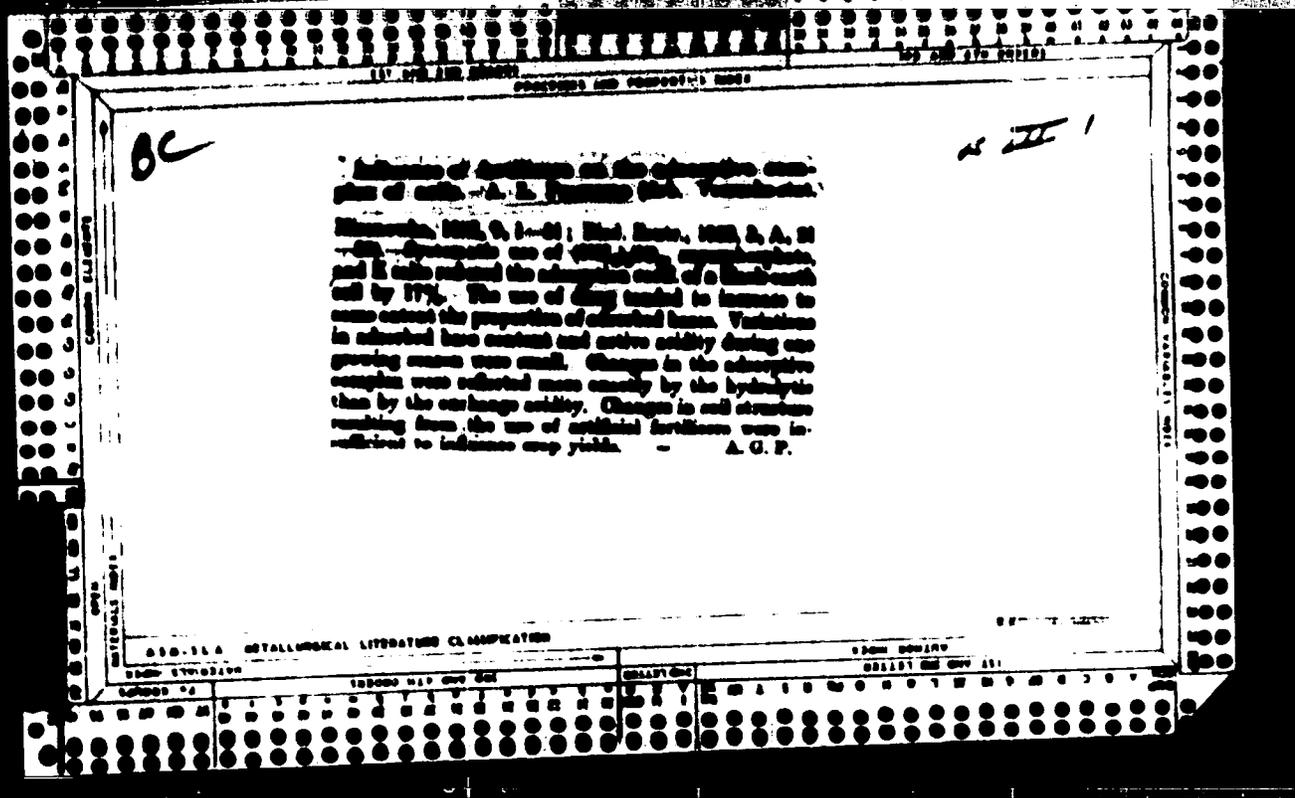
"Sur les propriétés du film d'oxyde protecteur se formant a la surface du mercure a son ozonisation". Pjankov, V. A. (p. 1769)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 10, no. 19-20.

SCHWARZ, S.S.; POKROVSKI, A.V.; ISTCHENKO, V.G.; OLENJEV, V.G.;
OVTSCHINNIKOVA, N.A.; PJASTOLOVA, O.A.

Biological peculiarities of seasonal generations of rodents,
with special reference to the problem of senescence in
mammals. Acta theriolog 8 no.1/16:11-43 '64.

1. Laboratory of Zoology of the Biological Institute in
Sverdlovsk of the Ural Branch of the Academy of Sciences
of the U.S.S.R.



Pizow, S.

Dist: 4E20(3)/4E3d

Arpilsulfonyl derivatives of 2,4-diaminotoluene. A. Chęć, secretwka, J. Kotler, W. Miecznikowska-Stolarczyk, G. Odor, and S. Pizow. *Lodz. Towarz. Nauk., Acta Chim.* 2, 79-83 (1957) (English summary).--Condensation of 2,4-diaminotoluene (I) with 3-nitrobenzenesulfonyl chloride (II) gave 4-amino-2-(3-nitrobenzenesulfonylamido)toluene (III), m. 154-7° (MeOH), 3-amino-2-(3-nitrobenzenesulfonylamido)toluene (IV), m. 160-7° (H₂O), and 1,4-bis(3-nitrobenzenesulfonylamido)toluene (V), m. 155-8°. Treating 0.45 mole I with 6.19 mole II at 40° gave 30% IV, and small amts. of III and V. The same reactions carried out in the presence of CaH₂N, NaOAc, or Na₂CO₃ gave almost exclusively V. Reduction of IV with Fe filings and HOAc in MeOH gave 55% 3-amino-2-(3-aminobenzenesulfonylamido)toluene (VI), m. 142-3° (H₂O). Condensation of 0.1 mole 2-nitro-4-toluidine with 0.096 mole II at 50-60° gave 2-nitro-4-(3-nitrobenzenesulfonylamido)toluene (VII), m. 124-5° (EtOH). Reduction of VII with Fe filings gave 72% VI. F. Dreyfus

6-2 May 2

Pison, S.

Diazot. (E20(j))
 2,4-Diamino-1,3-aminobenzene-sulfonamide. A. Chro-
 mazewski, B. Ostalick, and S. Pison. *Zds. Towars.
 Nauk., Acta Chim.* 2, 87-94 (1957) (English summary).
 4-Nitrotoluene (I) chlorosulfonated using the conditions
 of Ullmann and Lehner gave 81% 2-methyl-5-nitrobenzenesul-
 fonylchloride (II), m. 30-45°. I (35 g.) added during 15
 min. to 110 ml. HSO₃Cl at 105-10°, the mixt. heated at
 105-15° 15 addnl. min., cooled to 60-70°, and poured on
 1 kg. crushed ice gave 90% II, m. 43-5°. Condensation of
 10.7 g. p-toluidine (III) with 23.8 g. I 3 hrs. at 80-90°
 gave 71.4% 1,4-dimethyl-5-nitrobenzenesulfonamide (IV),
 m. 125-7° (C₁₁H₉). Similar condensations of II and III in
 C₁₁H₉ contg. 1.0Ac, in C₁₁H₉ contg. excess III, and in H₂O
 contg. NaOAc: at 50-5° gave 78, 70, and 81.8% IV, m.
 128-0.3°, 127-0°, and 128-30°, resp. Recrystallized gave
 IV, m. 131-2° (70% EtOH). IV with SnCl₄ and HCl in
 alc. or H₂O, or Fe and HIOAc gave 80, 78, and 70%, resp.,
 2,4-dimethyl-1-aminobenzene-sulfonamide (V), m. 149-50°
 (80% EtOH) hydrochloride, m. 238-30° (decompn.). V
 diazotized and coupled with β-naphthol gave 89% orange
 dye, m. 205° (85% EtOH). P. Dryfus.

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Pj A 322K A, G

CZECH/9-59-16-21/28

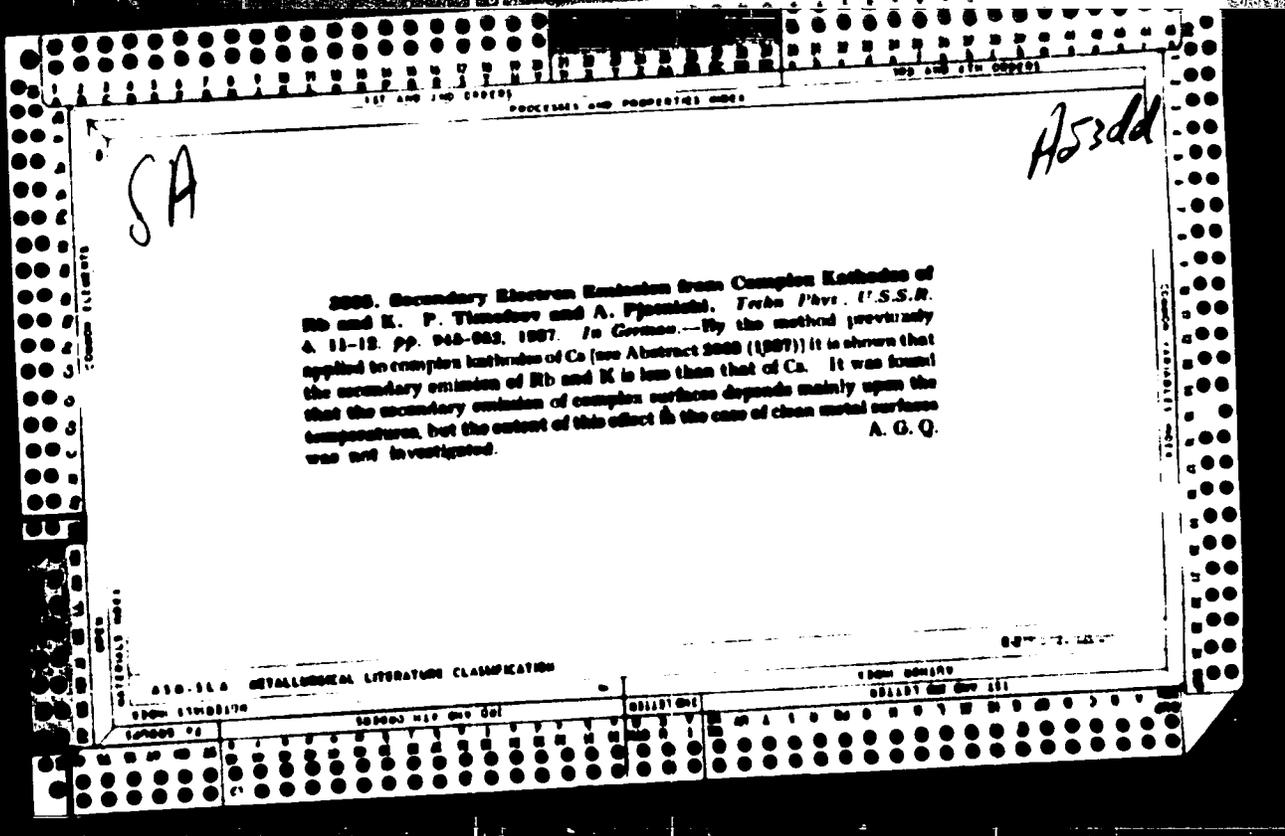
AUTHOR: Jurina, D., Ladin, K., Pjasecká, G., Stasevič, P.
and Stordienso, J.

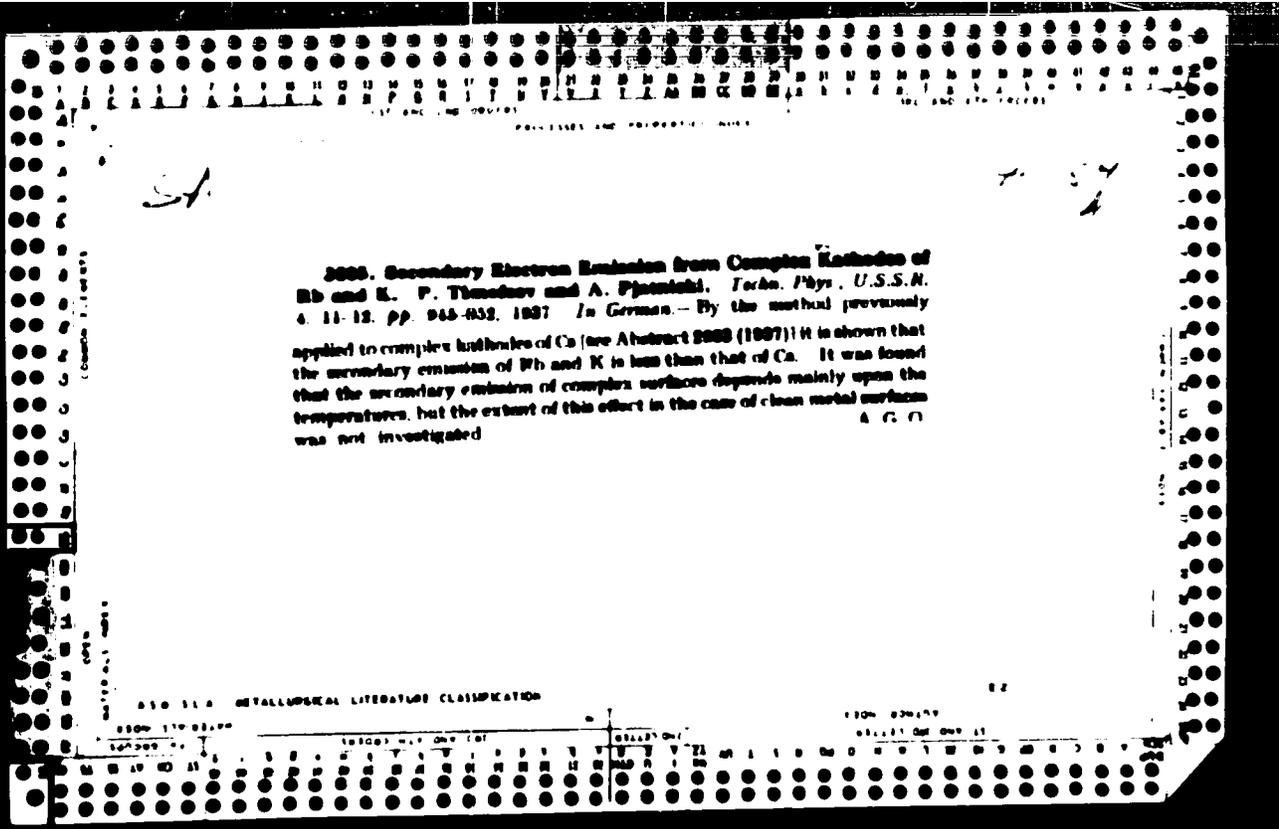
TITLE: The Parachutist's Physical Training (taken from a
book by the above listed authors: "Theory and Prac-
tice of Parachutist Training")

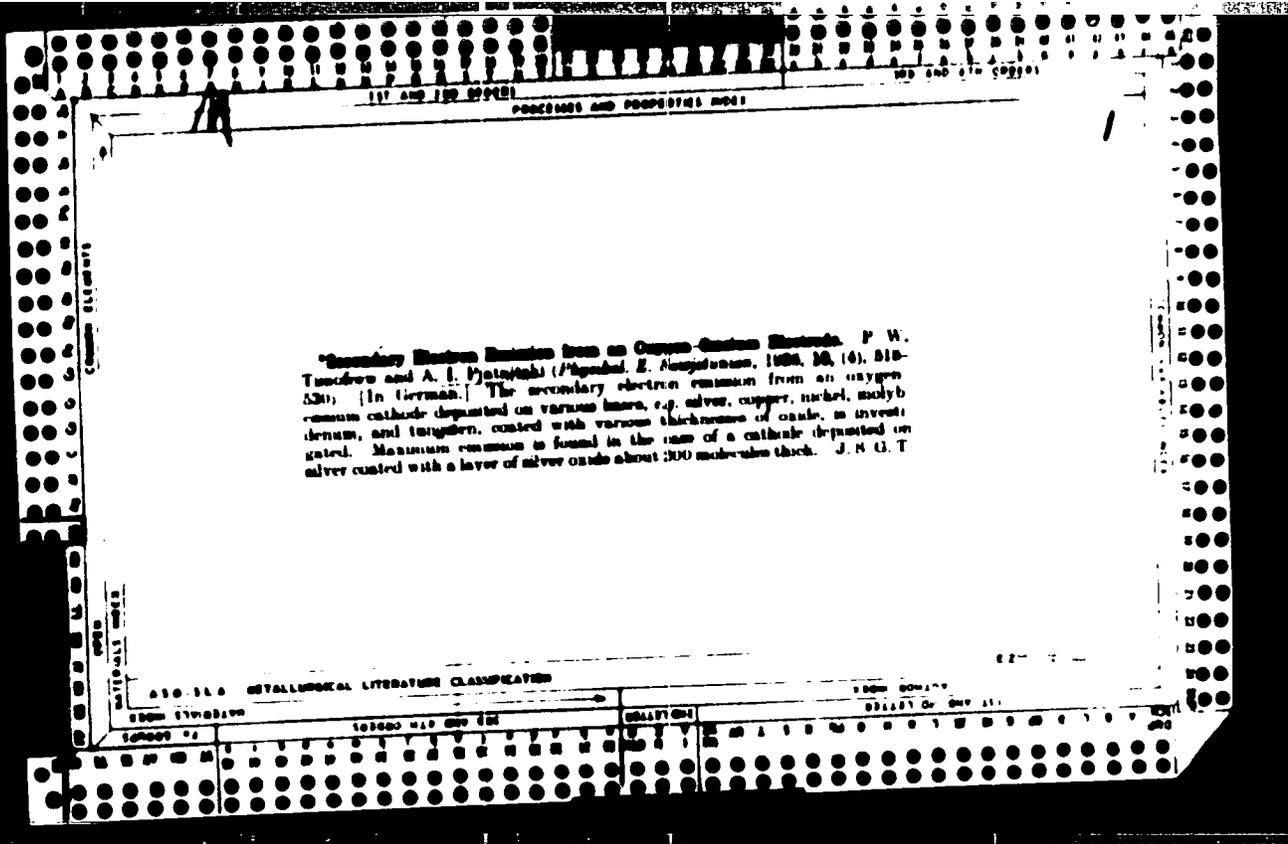
PERIODICAL: Křídla Vlasti, 1959, Nr 16, pp 24-25 (CZE)

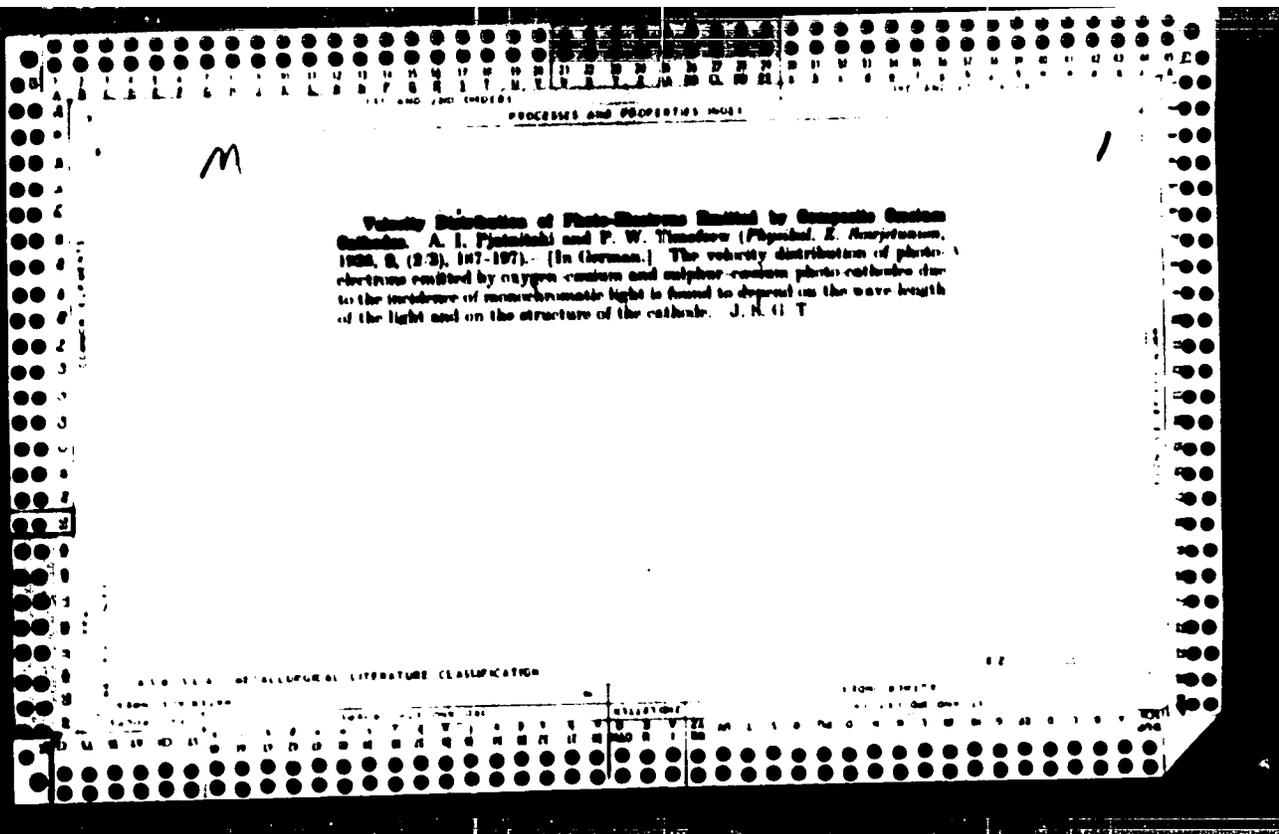
ABSTR: This is the concluding part of a serial article con-
taining physical training instructions for parachutists.
There are 14 drawings.

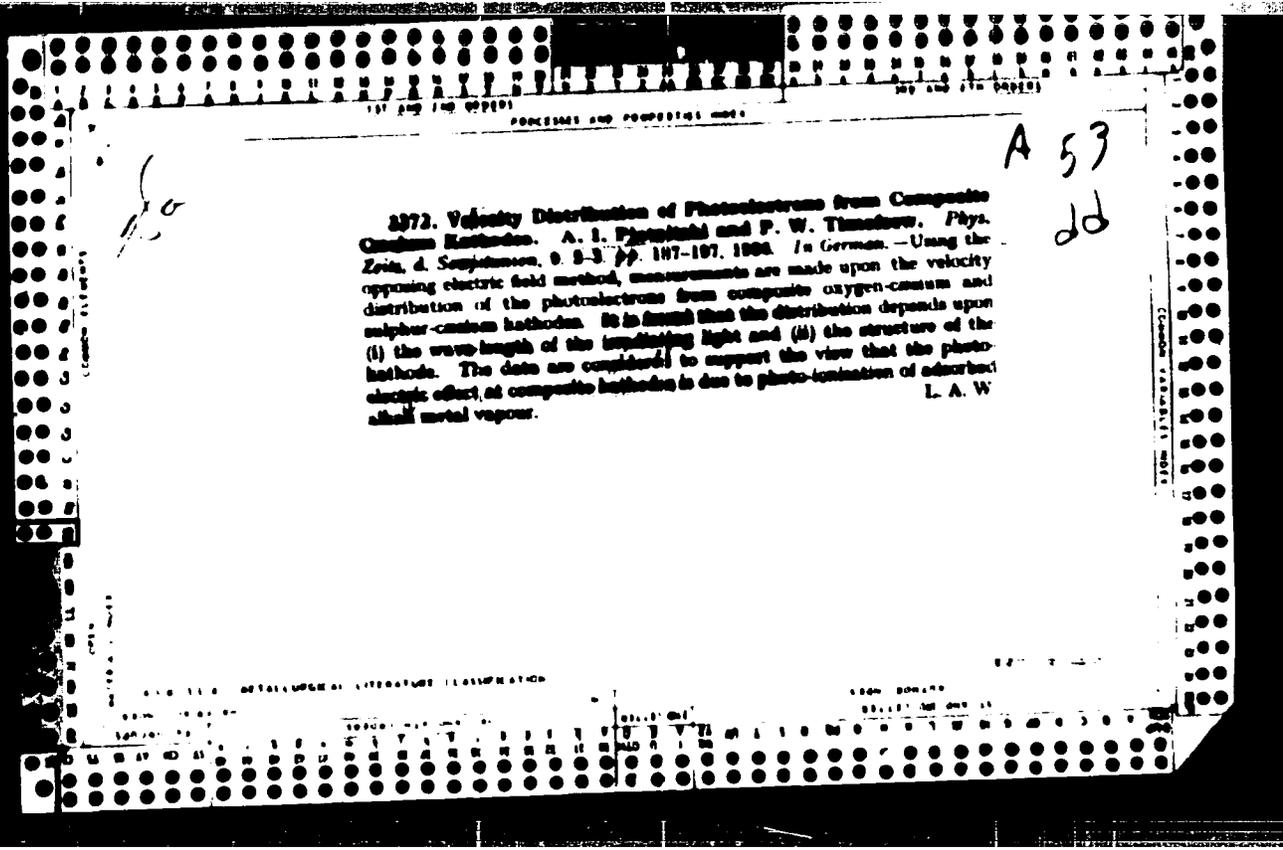
Card 1/1











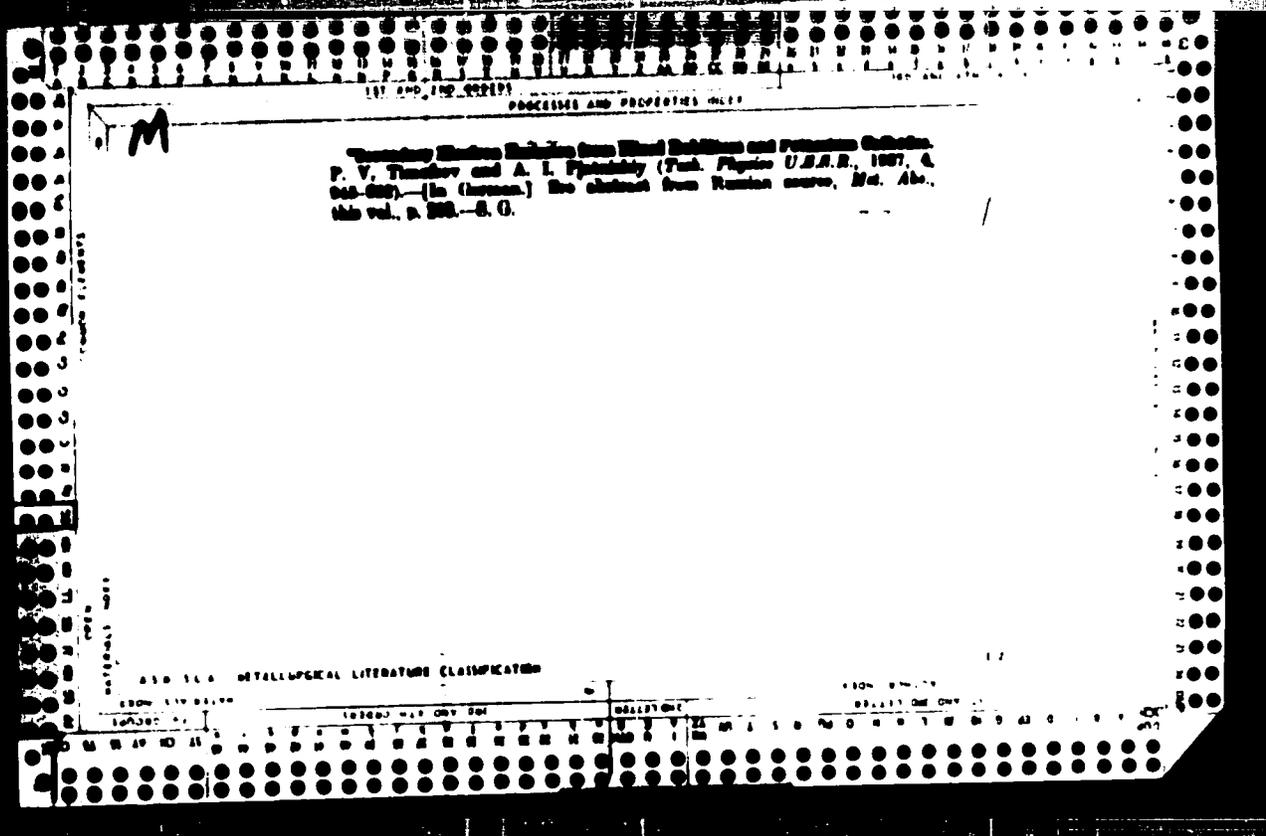
SA

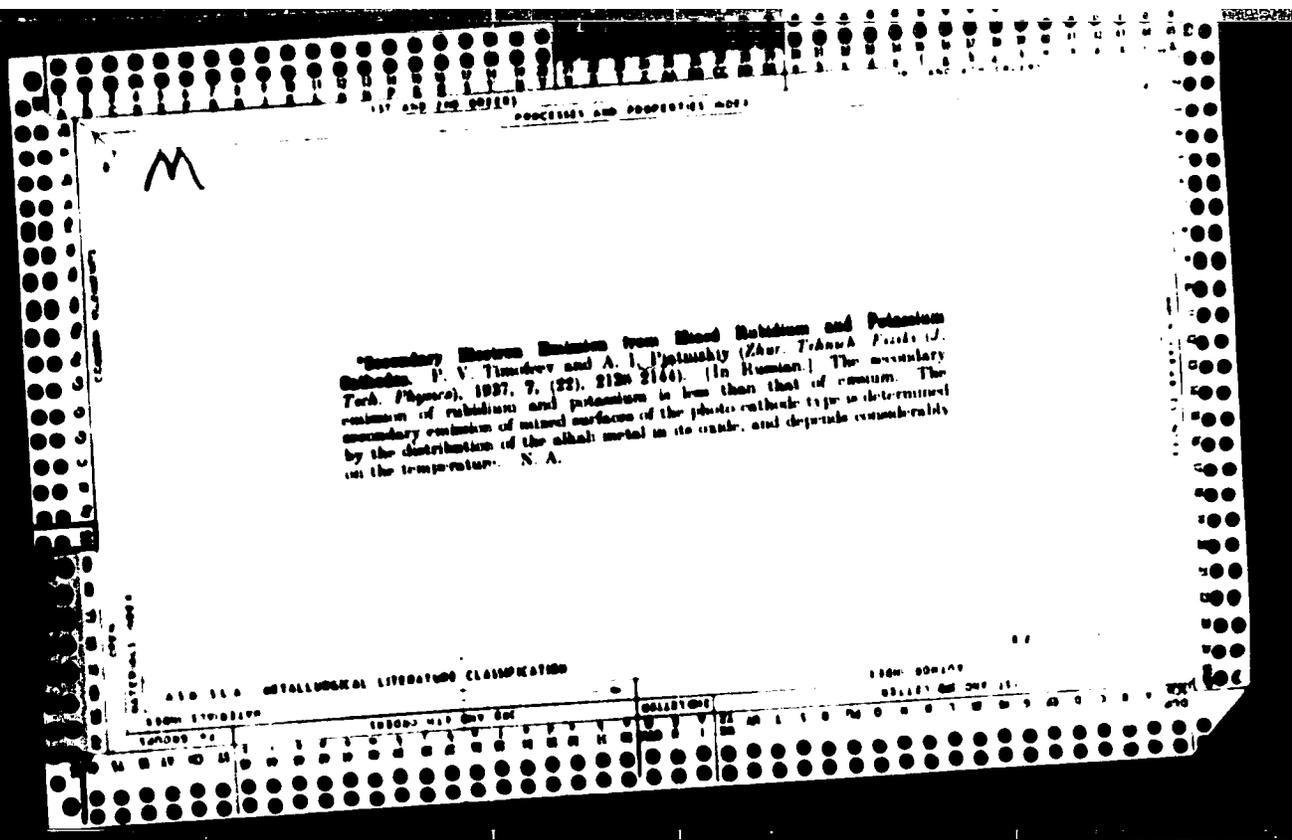
A 53
DD

1266. Secondary Electron Emission of an Oxygen-Oxide
 Electrode. P. W. Townsend and A. S. Fjorvick. *Phys Zeits f
 Neutronen*. 10 4 pp 310-320. 1936. In German. --The secondary
 emission of electrons by complex surfaces is determined for an oxy-
 genous cathode and is shown, unlike the photo-effect, to be due to the
 distribution of metal particles inside the oxide. Using different metal
 bases, the strongest emission of secondary electrons is obtained with a Ag
 base and a thickness of 200 molecules of Ag₂O. The difference in the
 value of the emission from pure metal and a complex surface of O₂-O is
 type of cathode is due to the difference of free path of the electron in the
 metal and in the oxide. H. M. H

METALLURGICAL LITERATURE CLASSIFICATION

METALLURGICAL LITERATURE CLASSIFICATION		1936-1937	
CLASSIFICATION	NO.	CLASSIFICATION	NO.
U	1	U	1
M	2	M	2
W	3	W	3
A	4	A	4
S	5	S	5
T	6	T	6
N	7	N	7
H	8	H	8
E	9	E	9
R	10	R	10
M	11	M	11
A	12	A	12
S	13	S	13
T	14	T	14
N	15	N	15
H	16	H	16
E	17	E	17
R	18	R	18
M	19	M	19
A	20	A	20
S	21	S	21
T	22	T	22
N	23	N	23
H	24	H	24
E	25	E	25
R	26	R	26
M	27	M	27
A	28	A	28
S	29	S	29
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N	31	N	31
H	32	H	32
E	33	E	33
R	34	R	34
M	35	M	35
A	36	A	36
S	37	S	37
T	38	T	38
N	39	N	39
H	40	H	40
E	41	E	41
R	42	R	42
M	43	M	43
A	44	A	44
S	45	S	45
T	46	T	46
N	47	N	47
H	48	H	48
E	49	E	49
R	50	R	50





PJATNIZKIY, A. I.

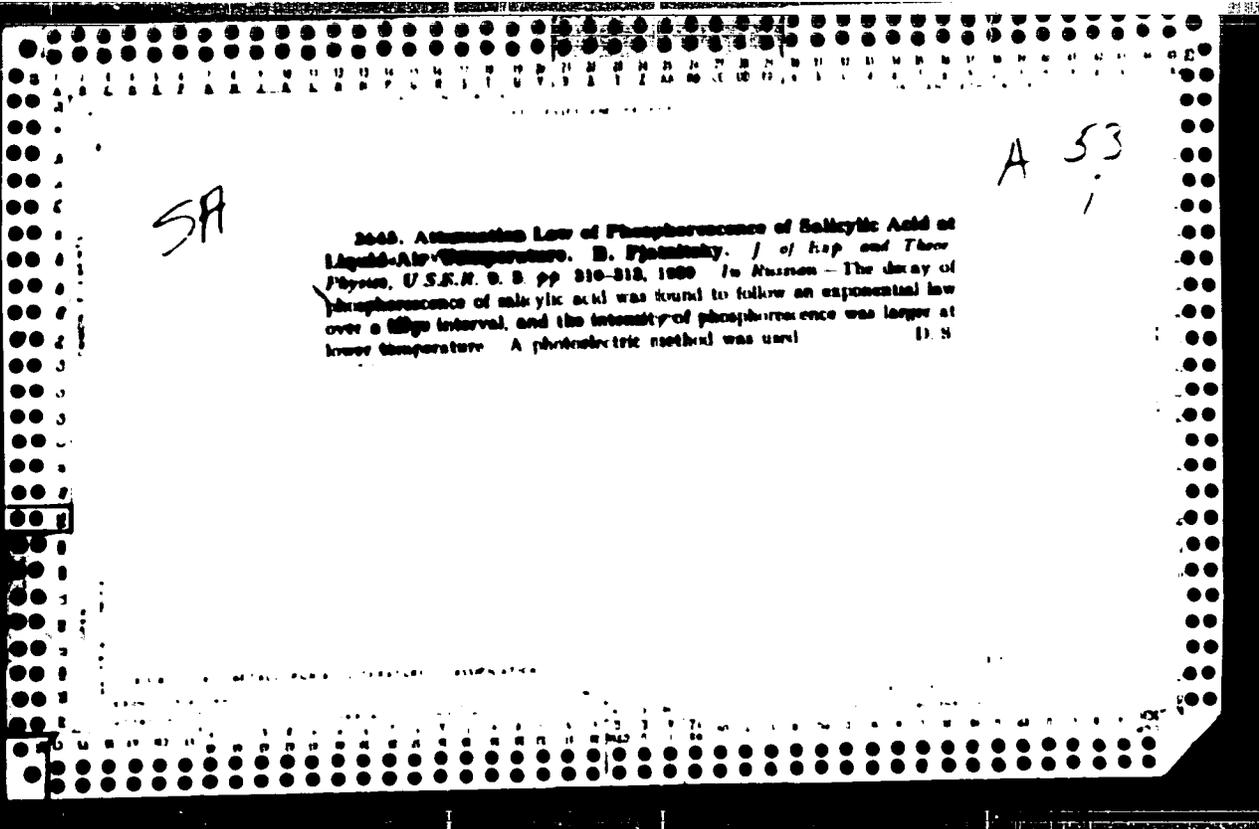
*Secondary Electron Emission from Mixed Rubidium and Potassium Cathodes.
P. V. Timoleev and A. I. Pjatnizkiy (Zhur. Tehnich. Fizike (J. Tech Physics).
1937. 7, (22), 2138-2144) (In Russian) The secondary emission of rubidium and
potassium is less than that of caesium. The secondary emission of mixed sur-
faces of the photo-cathode type is determined by the distribution of the
alkali metal in the oxide, and depends considerably on the temperature. N.A.

PJATNITSKI, A. L.

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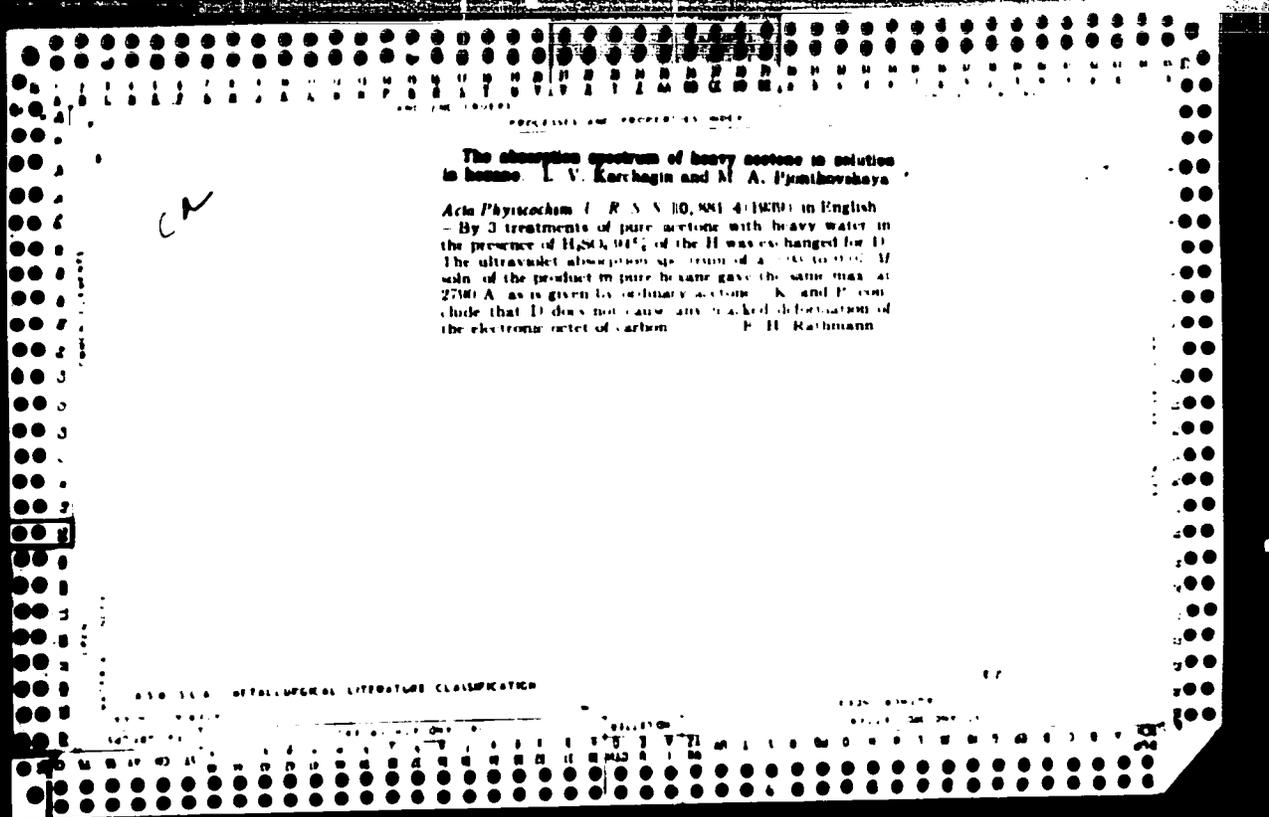
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...
... Institute of Domestic Animals,
...
...

... Growth and Calcium Met-

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... was added to a piece of caus-
... had no effect; when 30% increase was
... slowed down by nearly 10%.
... diet of 3 month old
... had no effect; when 30% was added the result
... diet of 1 month old
... Submitted at 3 Days of Physiology
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